

ABSTRACT

Optical component mounting and interconnect apparatus includes a base formed of at least one layer of insulating material defining first and second opposed major surfaces. A plurality of vias extend through the base. The vias include a signal via and two spaced apart ground vias parallel with and on opposite sides of the signal via. The two ground vias are connected to ground to form a transmission line with the signal via. An optical component is mounted on the first major surface of the base with an electrical terminal affixed to one end of the signal via and a flex circuit is affixed to the second major surface of the base with an electrical connection to the opposite end of the signal via.